

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 2500000.00

Name of Work:-Improvements of drains and asphaltting to 22nd cross in Judicil layout in ward no 04

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S slab of drain and stacking	sqm							
			1	550.00	1.80		990.00		
			1	366.90	1.00		366.90		
			1	200.00	1.80		360.00		
			1	99.10	1.00		99.10		
							1816.00		
			Deduct 30% of Missing slabs qty				405.00		
	Basic Rate	54.00					1411.00	58.32	82289.52
	Area Weightage @ 8%	4.32							
	Total	58.32							
2	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm							
			Vide Item No. 1				1411.00	75.60	106671.60
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	sqm							
			30% of Missing slabs qty				405.00	639.36	258940.80
	Basic Rate	592.00							
	Area Weightage @ 8%	47.36							
	Total	639.36							
4	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift up to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum							
			1	550.00	0.55	0.50	151.25		
			1	200.00	0.55	0.50	55.00		
			1	550.00	1.50	0.20	165.00		
			1	550.00	3.00	0.25	412.50		
			1	550.00	1.50	0.25	206.25		

	Basic rate	70.00	1	550.00	2.30	0.30	379.50		
	Add 8% AW	5.60					1369.50	75.60	103534.20
	Total	75.60							
5	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5(P.No 157, i.no 21.2)	Sqm							
	for road widen portion		1	350.00	4.75		1662.50		
	Basic rate	2.80					1662.50	3.02	5027.40
	Add 8% AW	0.22							
	Total	3.02							
6	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 It 20.18)	Cum							
			30	1.80	1.50	0.25	20.25		
			59	2.00	1.50	0.25	44.25		
			29	3.85	0.70	0.30	23.45		
			1	349.00	1.40	0.25	122.15		
			1	349.00	2.20	0.30	230.34		
	Basic rate	1332.00					440.44	1438.56	633594.33
	Add 8% AW	106.56							
	Total	1438.56							
7	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surface and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502	Sqm							
			2						

			1	350.00	7.50		2625.00		
	Basic rate	32.60					2625.00	35.21	92421.00
	Add 8% AW	2.61							
	Total	35.21							
8	KSRRB M500-18.Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler, transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment, rollingwithsmoothwheeled,vibratoryan dtandemrollers to achievethe desired compactionasperMORTHSpecification clauseno508completeinallrespectscomp leteasperspecifications.using40-60 TPH capacity HMP with mechanical paviour grading -I (35-40mm) with 4.5% CRMB 55 grade (Itemno 21.21.5 Pageno 160 2014-15)	Cum							
			1	350.00	7.50	0.030	78.75		
							78.75	10871.28	856113.30
	Basic rate	10066.00							
	Add 8% AW	805.28							
	Total	10871.28							
9	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader, dumping, turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)	Cum							
			Vide Item No. 4				1369.50	68.04	93180.78
	Basic rate	63.00							
	Add 8% AW	5.04							
	Total	68.04					TOTAL		2231772.93
7	KRIDL Charges 11%								245495.00
8	Quality Control Charges 1%								22318.00
			3						

	Miscellaneous charges	L/S							414.07
									1563.00
							Grand Total Rs		2500000.00
(Rupees twenty five lakhs only)									

Certificate:-

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per C.S.R. of 2014-15.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

[Signature]
Assistant Engineer
Ward no: 04

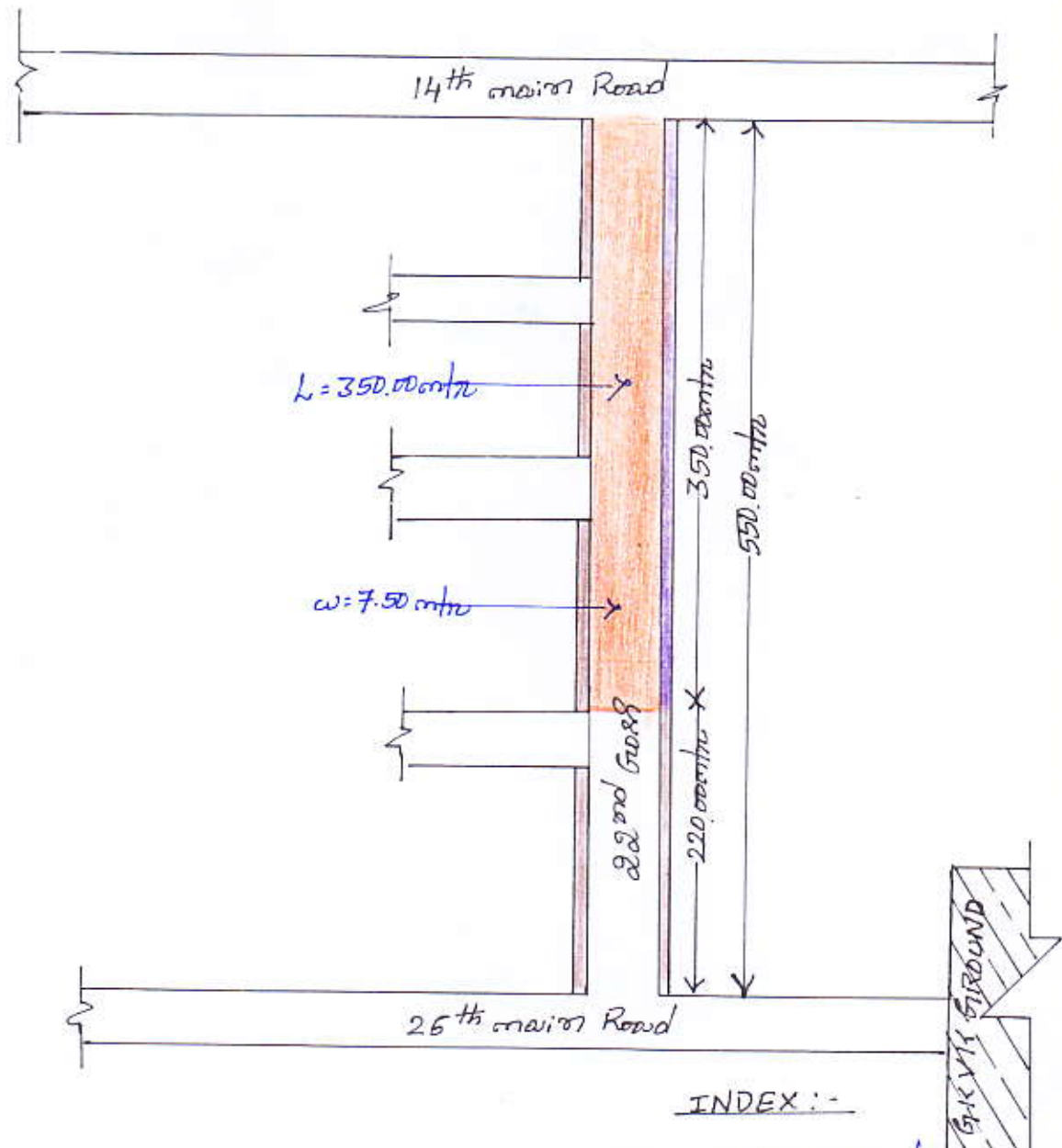
[Signature]
Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

[Signature]
Executive Engineer
Yelahanka Division
Bangalore-64

Sanction for Rs. Administrative Approval
Accorded for Rs. 25.00 lakhs
is accorded under head P-2415
registered as CE No. 125 Dt: 10.02.15 Subject
to Conditions contained in enclosed memo
No. Dt.
AE/JE TA SE (BTP) CE (BTP)
(YNK)

Sanction for Rs. Technical Sanction
Accorded for Rs. 25.00 lakhs
is accorded under head P-2415
registered as CE No. 91 Dt: 10.02.15 Subject
to Conditions contained in enclosed memo
No. Dt.
AE/JS TA SE (BTP) CE (BTP)
(YNK)

Name of work:- Improvement of drain & Asphaltting to 22nd Cross road in Judicial layout in ward no-04.



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